



Siechem Annealed Tinned Copper Conductor Synthetic Elastomeric Insulated, Sheathed Multi Core Rubber Cable as per IS 9968 Part-1

Application

- ✓ Used for measuring & controlling in control equipment for conveyors and control units
- ✓ Fixed installation and for flexible use when temporarily moved in medium mechanical condition
- ✓ Used outdoors when protected and in dry or moist conditions indoor.
- ✓ Suitable for many applications, including use in elevators, lifts, cranes, mines, heater leads, and electric iron leads etc.

Features

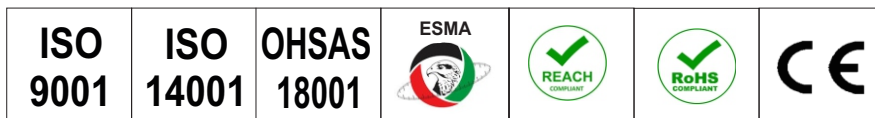
- ✓ Flexible
- ✓ Abrasion Resistance
- ✓ High Dielectric Strength
- ✓ Flame Retardant
- ✓ Medium Mechanical Stress
- ✓ Long Cable life.

Product Construction

- ✓ Conductor : Annealed Tinned Copper, Class 2 (Optional - Aluminium Conductor as per Customer requirement)
- ✓ Separator Tape (Optional)
- ✓ Insulation : General Service elastomeric, Type IE 1 as per IS 6380-1984 (Optional - Heat Resisting elastomer, Type IE 2 as per IS 6380-1984)
- ✓ Fillers optional
- ✓ Binder Tape : Optional
- ✓ Outer Sheath : General Purpose Sheath Type SE 1 as per IS 6380-1984 (Optional : Heat Resisting Elastomers) Type SE 2 as per IS 6380-1984

Technical Data

- ✓ Temperature Range : Insulation for General Service : 60°C Heat Resisting Insulation : 90°C
- ✓ Test Voltage : 3 kV for 5 mins
- ✓ Rated Voltage : 1.1 kV
- ✓ Specification : IS 9968 Part - 1



Part Number	No. of Cores X Conductor size (Nos X mm ²)	Thickness of Insulation (mm)	Thickness of Outersheath (mm)	Outer Diameter (mm) approx.	Copper Index (Kg/Km)	Weight (Kg/Km) approx.
5121603	3C X 2.5	1.0	1.1	11.89	64.61	200.06
5121903	3C X 4	1.0	1.2	13.26	103.37	266.13
5122303	3C X 6	1.0	1.2	14.49	155.06	341.59
5122703	3C X 10	1.2	1.4	18.20	258.43	547.02
5122803	3C X 16	1.2	1.4	20.25	413.49	752.49
5123003	3C X 25	1.4	1.6	23.89	646.08	1108.01
5123203	3C X 35	1.4	1.7	26.46	904.51	1448.38
5123403	3C X 50	1.6	1.8	30.55	1292.16	1996.57
5123703	3C X 70	1.6	2.0	34.41	1809.03	2665.39
5123803	3C X 95	1.8	2.2	39.56	2455.11	3561.28
5124103	3C X 120	1.8	2.3	43.00	3101.19	4363.02
5124203	3C X 150	2.0	2.5	47.50	3876.48	5405.44
5124403	3C X 185	2.2	2.7	52.86	4781.00	6660.23
5124603	3C X 240	2.4	3	59.50	6202.38	8542.67
5124803	3C X 300	2.6	3.2	66.82	7752.97	10628.70
5124903	3C X 400	2.8	3.4	74.56	10337.29	13831.38

